

SECRET

12 Feb. 1952

To: Files Project 2054-D ~~_____~~ fileFrom:

DOCUMENT NO. 26

25X1

NO CHANGE IN CLASS. ☐☐ DECLASSIFIED

CLASS. CHANGED TO: TS S (C)

NEXT REVIEW DATE: 2011

AUTH: HR 70-2

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DATE: 11/12/00

REVIEWER: 037169

Subject: "Sniffer" Equipment

1. A meeting with of C&ERB revealed information concerning items of equipment having possible application to this project.

2. The most interesting item is a very small D.F. receiver currently being developed by the F.C.C. Research Laboratory at Laurel, Maryland. This set is designed to be worn on a waist-belt and has 4 slug-tuned ^{plug-in} front-ends in an otherwise conventional superheterodyne circuit. The sensitivity is purported to be approx. 50 μ Volts. Several types of loop antennas have been designed to cover the frequency range of the receiver, these loops being worn on various portions of the operator's body. The weight of the receiver ~~units~~ is approx. 1-2 lbs complete with batteries. The frequency range is supposed to be approximately from the broadcast band up to 30 mcs.

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3. has made arrangements with the F.C.C. to obtain one of these units on a loan basis. The writer has requested notification when this unit is available and will make the trip to Laurel, Md. with to pick it up. It is suggested that when this unit is obtained that it be tested and evaluated by the A&A Unit in this lab.

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4. OSI-CIA supposedly is connected in some way with the development of a miniature transistor receiver at [redacted] of OSI, ^{25X1}
 Room 2061 "M" Bldg. [redacted] has ^{25X1}
 jurisdiction over this matter. It is the intention of the writer to contact [redacted] ^{25X1} in an attempt to verify this and if possible gain more information concerning this development.

good

[redacted] ^{25X1}

[redacted] ^{25X1}

follow closely & get the sign. of
 A 394 S.A.D.

B

Par. 4. equipment & project is known to chief R&D & it is not necessary to duplicate the liaison contact on this project.

The project is for a miniature throw-away receiver and at present the work has produced a set the size of a pack of cigarettes 500-1500kc only - w/ self contained batteries.

I listened to the set & with about 6 feet of line coupled to ~~an antenna~~ a radiator was able to hear 3 or 4 local stations with ~~for~~ low output level (not much more than partly audible)

This project is being followed by both TSS & commo and is under the general guidance of OKR.
 EHM

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